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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

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Application Number
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Filing date
June 30, 2003

Examiner
JONES, Jeevon

Art Unit
1644

Invention Title

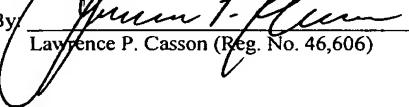
ANTIBODIES AND USES THEREOF

Inventor(s)
LEVANON, et al.

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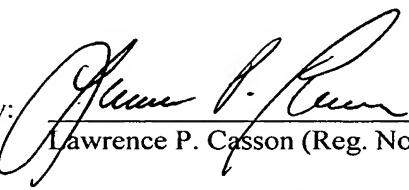
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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By: 
Lawrence P. Casson (Reg. No. 46,606)

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicant hereby brings the attached references to the attention of the Examiner. These references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. The filing of this Information Disclosure Statement and the attached PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b).
3. A copy of each patent, publication or other information listed on the modified PTO form 1449 are enclosed.
4. It is believed that no fees are due in connection with this Information Disclosure Statement. However, should any fees be due, the Commissioner is authorized to charge or credit any over payment to Deposit Account No. 11-0600. A duplicate copy of this communication is enclosed for charging purposes.

Dated: April 25, 2005

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO - 1449 FORM	ATTY. DOCKET NO. 10793/70	SERIAL NO. 10/611,588
	APPLICANT LEVANON, et al.	
	FILING DATE June 30, 2003	GROUP 1644

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*
	5,716,836	February 10, 1998	Suiko			
	5,659,018	August 19, 1997	Berndt et al.,			
	2003/0064410 A1	April 3, 2003	Hubbell et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	WO 98/12318	March 26, 1998	P CT			
				YES	NO	

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.	
	Dong, Jing-fei, et al., "Tyrosine Sulfation of the Glycoprotein Ib-IX complex: Identification of Sulfated Residues and Effect on Ligand Binding" Biochemistry, Vol. 33, pp. 13946-13953 (1994)	
	Leyte, Anja, et al., "Sulfation of Tyr ¹⁶⁸⁰ of Human Blood Coagulation Factor VIII is Essential for the Interaction of Factor VIII with von Willebrand Factor**" Journal of Biological Chem. Vol. 266, No. 2, pp. 740-746 (January 15, 1991)	
	López, José A., et al., "Cloning of the α chain of human platelet glycoprotein Ib: A transmembrane protein with homology to leucine-rich α -glycoprotein" Proc. Natl. Acad. Sci. USA, Vol. 84, pp. 5615-5619 (August 1997)	
	López José A., "The Platelet glycoprotein IB-IX complex" Blood Coagulation and Fibrinolysis, Vol. 5, pp. 97-119 (1994)	
	López José A., et al., "Structure and function of the glycoprotein Ib-IX-V complex" Current Opinion in Hematology, Vol. 4, pp. 323-329, (1997)	
	Marchese, Patrizia, et al., "Identification of Three Tyrosine Residues of Glycoprotein Iba-Thrombin Binding**" The Journal of Biological Chemistry, Vol. 270, No. 16, pp. 9571-9578 (April 21, 1995)	
	Murata, Mitsuru, et al., "Site-directed Mutagenesis of a Soluble Recombinant Fragment of Platelet Glycoprotein Iba Demonstrating Negatively Charged Residues Involved in von Willebrand Factor Binding**" The Journal of Biological Chemistry, Vol. 266, No. 23, pp. 15474-15480, (August 15, 1991)	
	Okumura, Tadayoshi, et al., "Platelet Glycocalicin" The Journal of Biological Chemistry Vol. 251, No. 19, pp. 5950-5955, (October 10, 1976)	
	Shen, Yang et al., "Requirement of leucine-rich repeats of glycoprotein (GP) Iba for shear-dependent and static binding of von Willebrand factor to the platelet membrane GP Ib-IX-V complex", Blood, Vol. 95, No. 3, pp. 903-910 (February 1, 2000)	
	Tait, A. Sasha, et al., "Site-directed mutagenesis of platelet glycoprotein Iba demonstrating residues involved in the sulfation of tyrosines 276, 278, and 279", Blood, Vol. 99, No. 12, pp. 4422-4427 (June 15, 2002)	
	Tcheng, James E., et al., "Pharmacodynamics of Chimeric Glycoprotein IIb/IIIa Integrin Antiplatelet Antibody Fab 7E3 in High-Risk Coronary Angioplasty" Circulation, Vol. 90, No. 4, pp. 1757-1764 (October 1994)	
	Titani, Koiti, et al., "Amino acid sequence of the von Willebrand factor-binding domain of platelet membrane glycoprotein Ib", Proc. Natl. Acad. Sci. USA, Vol. 84, pp. 5610-5614 (August 1987)	
	Vicente, Vicente, et al., "Identification of a Site in the α Chain of Platelet Glycoprotein Ib That Participates in von Willebrand Factor Binding**", The Journal of Biological Chemistry, Vol. 265, No. 1, pp. 274-280 (January 5, 1990)	
	Wilkins, Patricia P., et al., "Tyrosine Sulfation of P-selectin Glycoprotein Ligand-1 Is Required for High Affinity binding to P-selectin**", The Journal of Biological Chemistry, Vol. 270, No. 39, pp. 22677-22680 (September 29, 1995)	
	Katagiri, Yasuhiro, et al., "Localization of von Willebrand Factor and Thrombin-Interactive Domains on Human Platelet Glycoprotein Ib" Schattauer Verlagsgesellschaft mbH (Stuttgart) Vol. 63, No. 1, pp. 122-126 (1990)	



EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Marco, Luigi De, et al., "Localization and Characterization of an α -Thrombin-binding Site on Platelet Glycoprotein Iba*", The Journal of Biological Chemistry, Vol. 269, No. 9, pp. 6478-6484 (1994)
	Pidard, D., et al, Neutrophil proteinase cathepsin G is proteolytically active on the human platelet glycoprotein I β -IX receptor: characterization of the cleavage sites within the glycoprotein I β subunit, vol. 303, pp. 490-498, J. Biochemistry October (1994)
	Tsujino, Shiho, et al., "Primary Structure of Light and heavy Chain Variable Regions of Antibodies Recognizing Phosphorylated Vimentins" Biochemical and Biophysical Research Communications, Vol. 219, Article No. 0285, pp. 633-637 (1996)
	Frenette, P.S., "P-Selectin Glycoprotein Ligand 1 (PSGL-1) Is Expressed on Platelets and Can Mediate Platelet-Endothelial Interactions In Vivo, J. Exp. Med. Vol. 191, No. 8, pp. 1413-1422 (April 17, 2000)
	Paul, W.E., Fundamental Immunology, 3 rd Edition, 1993, pp. 292-295
	Roube, Robert A.S., "Autoantibodies to Phospholipid-Binding Plasma Proteins: A New View of Lupus Anticoagulants and Other "Antiphospholipid" Autoantibodies", Blood, Vol. 84, No. 9, pp. 2854-2867 (November 1, 1994)
	Muramatsu, Ryo et al., "Structure/Activity Relationships of Hirudin Peptides Containing Sulfated Tyrosine Residues" Protein Research Foundation, Osaka pp. 297-300 (1995)
	Hubbell, Jeffrey et al., "Compositions and Methods for Use of Bioactive Agents Derived from Sulfated and Sulfonated Amino Acids" U.S. Patent Application Publication No. US2003/0064410 A1, publication date 4/3/03
	Leppänen, Anne et al., "A Novel Glycosulopeptide Binds to P-Selectin and Inhibits Leukocyte Adhesion to P-selectin" The Journal of Biological Chemistry, Vol. 274, No. 35, pp. 24838-24848 (August 27, 1999)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	